

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072222\
 Data File : VW026880.D
 Acq On : 22 Jul 2022 10:52
 Operator : SY/MD
 Sample : VSTD01032
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010232

Quant Time: Jul 22 23:51:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 22 23:50:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	528913	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	555755	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	294754	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	45738	10.461	ug/L	0.00
7) Chloroethane-d5	1.564	69	40102	10.842	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	81642	10.049	ug/L	0.00
21) 2-Butanone-d5	3.896	46	52040	22.120	ug/L	0.02
24) Chloroform-d	4.346	84	88410	10.455	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	50979	10.540	ug/L	0.00
32) Benzene-d6	5.047	84	159405	9.382	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	53677	9.991	ug/L	0.00
41) Toluene-d8	7.313	98	133180	8.898	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	19987	9.258	ug/L	0.00
47) 2-Hexanone-d5	8.092	63	34985	17.751	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	80990	10.344	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	53506	9.271	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	56709	13.845	ug/L	100
3) Chloromethane	1.240	50	53266	11.161	ug/L	100
5) Vinyl chloride	1.307	62	54774	10.793	ug/L	96
6) Bromomethane	1.519	94	33872	10.675	ug/L	99
8) Chloroethane	1.581	64	35560	10.695	ug/L	94
9) Trichlorofluoromethane	1.748	101	76301	10.791	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	46107	11.129	ug/L	98
12) 1,1-Dichloroethene	2.114	96	42290	10.444	ug/L	94
13) Acetone	2.172	43	42023	24.767	ug/L	96
14) Carbon disulfide	2.288	76	116967	10.382	ug/L	100
15) Methyl Acetate	2.433	43	45687	12.827	ug/L	99
16) Methylene chloride	2.503	84	56236	11.700	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	42594	10.170	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	108211	9.182	ug/L	98
19) 1,1-Dichloroethane	3.185	63	79541	10.430	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	42405	9.450	ug/L	94
22) 2-Butanone	3.979	43	51263	22.320	ug/L	89
23) Bromochloromethane	4.246	128	26662	10.425	ug/L	97
25) Chloroform	4.371	83	85175	10.556	ug/L	100
27) 1,2-Dichloroethane	5.130	62	59227	10.788	ug/L	97
29) Cyclohexane	4.670	56	48304	8.231	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	71464	9.853	ug/L	99
31) Carbon tetrachloride	4.822	117	64201	10.495	ug/L	99
33) Benzene	5.098	78	170205	9.458	ug/L	100
34) Trichloroethene	5.912	95	44996	9.892	ug/L	98
35) Methylcyclohexane	6.127	83	58956	8.568	ug/L	96
37) 1,2-Dichloropropane	6.172	63	44505	9.423	ug/L	# 95
38) Bromodichloromethane	6.506	83	61849	10.224	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	54751	8.740	ug/L	93
40) 4-Methyl-2-pentanone	7.227	43	92011	18.713	ug/L	95
42) Toluene	7.387	91	165076	8.768	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	55445	9.417	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	48266	10.097	ug/L	98
46) Tetrachloroethene	7.973	164	34574	9.459	ug/L	94
48) 2-Hexanone	8.143	43	68435	18.209	ug/L	98
49) Dibromochloromethane	8.243	129	49669	10.635	ug/L	98
50) 1,2-Dibromoethane	8.352	107	48446	9.972	ug/L	99
51) Chlorobenzene	8.879	112	123052	9.678	ug/L	99
52) Ethylbenzene	9.011	91	162633	8.498	ug/L	99
53) m,p-Xylene	9.136	106	62095	8.260	ug/L	94
54) o-Xylene	9.542	106	59735	8.252	ug/L	96
55) Styrene	9.561	104	100497	7.891	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	77988	10.379	ug/L	99
59) Bromoform	9.731	173	30683	11.285	ug/L	94
60) Isopropylbenzene	9.931	105	153556	8.616	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	60317	11.180	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	113857	7.886	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	112671	7.812	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	84541	9.312	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	93065	9.883	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	87335	9.442	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	14815	11.838	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	58224	9.331	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	46237	8.831	ug/L	98
71) Naphthalene	13.500	128	121832	7.895	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	47545	8.792	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

